

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claim in the application.

1. (Currently Amended) Pyromechanical separating element having:

a hermetically sealed pyrotechnic pressure element, which is installed in a housing and has a gas-forming pyrotechnic charge, and

a detachable latching pin which is separated from the pressure element by a driving volume and is inserted into the housing,

wherein a first securing point is arranged on the housing and a second securing point is arranged on the latching pin, and the latching pin is anchored on the housing by way of an arresting and force-limiting element, and

wherein activation of the pyrotechnic pressure element disrupts the arresting and force-limiting element so that the latching pin separates from the housing.

2. (Previously Presented) Separating element according to claim 1, characterised in that the arresting and force-limiting element is a plate spring which in the latched state sits both in a latching-pin groove in the latching pin and in a housing groove.

3. (Previously Presented) Separating element according to claim 1, characterised in that the arresting and force-limiting element is a sheet metal ring or a spring ring which in the latched state sits both in a latching-pin groove in the latching pin and in a housing groove.

4. (Previously Presented) Separating element according to claim 1, characterised in that the arresting and force-limiting element is a radial projection on the latching pin that engages into a housing groove on the housing.

5. (Previously Presented) Separating element according to claim 1, characterised in that arranged on the outer circumference on the latching pin there is a sealing ring which is let into a groove.

6. (Previously Presented) Separating element according to claim 2, characterised in that arranged on the outer circumference of the latching pin there is a sealing ring which is let into a groove.

7. (Previously Presented) Separating element according to claim 3, characterised in that arranged on the outer circumference of the latching pin there is a sealing ring which is let into a groove.

8. (Previously Presented) Separating element according to claim 4, characterised in that arranged on the outer circumference of the latching pin there is a sealing ring which is let into a groove.
9. (Previously Presented) Separating element according to claim 2, characterised in that plate spring has crown shaped incisions.
10. (Previously Presented) Separating element according to claim 1, characterised in that the arresting and force-limiting element is selected from the group consisting of a plate spring which in the latched state sits both in a latching-pin groove in the latching pin and in a housing groove, a sheet-metal ring or a spring ring which in the latched state sits both in a latching-pin groove in the latching pin and in a housing groove, and a radial projection on the latching pin that engages into a housing groove on the housing.
11. (New) Separating element according to claim 1, characterized in that the driving volume comprises a gas.